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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/749,311

12/31/2003

Chung-I Lee

1750

25859

7590

12/07/2006

WEI TE CHUNG
FOXCONN INTERNATIONAL, INC.
1650 MEMOREX DRIVE
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EXAMINER

HO, BINH VAN

ART UNIT

PAPER NUMBER

2163

DATE MAILED: 12/07/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/749,311

Applicant(s)

LEE ET AL.

Examiner

Binh V. Ho

Art Unit

2163

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 September 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. This is a response to amendment filed 09/14/2006.

Election/Restrictions

2. Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1-3, drawn to a system for visually mining information:

- A data mining module
- Querying sub-module

- II. Claims 4-8, drawn to method for visually information:

- Obtaining downloading
- Querying a local database server
- Displaying a structure information report

The inventions are distinct, each from the other because of the following reasons:

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, no claim is generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include

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all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement is traversed (37 CFR 1.143).

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a petition under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Applicant is advised that the cancellation of non-elected claims is required.

During a telephone conversation with Attorney Wei-Te Chung on 12/01/2006, a provisional election was made to prosecute the invention of Group I, claims 1-3 and agreed to cancel group II, claims 4-8.

Examiner's Amendment

3. An examiner's amendment to the record appears below. Should the changes and /or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.3.12. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

4. The following claim has been amended upon agreement by applicant during a telephone conversation with Mr. Wei-Te Chung on 12/01/2006.

Non-elected group II, claims 4-8 have been canceled.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1-2 are rejected under 35 U.S.C. 102(b) as being anticipated by Lizee (5,671,404).

(Claim 1)

Lizee discloses in figures 1A, 1B, and 3, a system for visually mining information, the system being programmed to mine data from a structured information report for analyzing, and comprising a data mining module for mining data from the structured information report, the data mining module comprising a parameter obtaining sub-module for obtaining mining parameters and a scanning command; and a querying sub-module for querying data from the structured information report in accordance with the mining parameters; and a dynamic scanning module comprising a scanning sub-module for scanning the structured information report; an identifying sub-module (col. 58-67) for identifying whether data stored in a field of the structured information report match the mining parameters; and a marking sub-module for marking an identified field of the structured information report with a designated mark (col. 5, lines 11-35, lines 66 +; col. 6, lines 58-67, lines 64-67).

(Claim 2)

Lizee discloses the data mining module further comprising a parameter setting sub-module for generating an SQL (Structured Query Language) sentence in accordance with the mining parameters (col. 5, lines 34 +).

(Claim 3)

Lizee discloses in figure 2, wherein the scanning sub-module comprising a scanning needle for scanning each of the fields of the structured information report (col. 6, lines 29-44).

7. Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Kanaegami (5,297,039).

(Claim 1)

Kanaegami discloses in figures 1-6, a system for visually mining information, the system being programmed to mine data from a structured information report for analyzing, and comprising a data mining module for mining data from the structured information report, the data mining module comprising a parameter obtaining sub-module for obtaining mining parameters and a scanning command; and a querying sub-module for querying data from the structured information report in accordance with the mining parameters; and a dynamic scanning module comprising: a scanning sub-module for scanning the structured information report; an identifying sub-module for identifying whether data stored in a field of the structured information report match the mining parameters; and a marking sub-module for marking an identified field of the

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structured information report with a designated mark (col. 2, lines 67 +, col. 3, lines 42

+)).

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

8. Claim 1 is rejected under 35 U.S.C. 102(e) as being anticipated by Adler (20030033295).

(Claim 1)

Adler discloses in figures 1-2, a system for visually mining information, the system being programmed to mine data from a structured information report for analyzing, and comprising a data mining module for mining data from the structured information report, the data mining module comprising a parameter obtaining sub-module for obtaining mining parameters and a scanning command; and a querying sub-module for querying data from the structured information report in accordance with the mining parameters; and a dynamic scanning module comprising: a scanning sub-module for scanning the structured information report; an identifying sub-module for identifying whether data stored in a field of the structured information report match the mining parameters; and a marking sub-module for marking an identified field of the structured information report with a designated mark (paragraph [0090]).

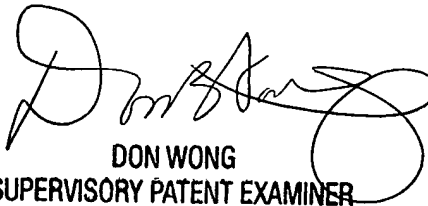
Inquiry

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Binh V. Ho whose telephone number is 571 272 8583. The examiner can normally be reached on M-F from 8:00AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don K. Wong can be reached on 571 272 1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Binh V Ho
Examiner
Art Unit 2163


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